

Abstract

In an electric motor with a stator (11) and a rotor (12) that is received rotatably via its rotor shaft (13) in rotor bearings (14, 15), and having an effective decoupling between the stator (11) and rotor bearings (14, 15) for reducing the emission of airborne and structure-borne sound, in order to attain a structurally simple, sturdy design with markedly little motor noise, the rotor bearings (14, 15) are fixed on a housing (10) surrounding and gripping the stator (11), while the decoupling is achieved by a spring-elastic suspension of the stator (11) from the housing (10), and to that end elastic decoupling elements (28) are disposed between the stator (11) and the housing (10) (Fig. 1).